

498

With the Authors compliments

Insert
 15 9 to put in *unpublished*
~~15~~
 35 *John Gordon*
 54 *John Gordon*
 60 *John Gordon*
 67 *John Gordon*
John Gordon
unpublished

LONDON :
 R. CLAY, SONS, AND TAYLOR, PRINTERS,
 BREAD STREET HILL.

Mivart Genesis of Species

121. List of his objections.

25 Giraffe, with M.S. notes

34 On variations in all directions M.S. notes

37 Flat fish.

39 Origin of limbs *to be added*

40 Whalebone

42 Larva of young Kangaroo (*add the whole*)

⁴⁴ *Regilla*
46 Metamorphosis of flies.

47 Mammary glands - *to p. 42 to p. 44*

50 Cobra.

53 Rods of Corti

62 objection, demonstrably sufficient

72 The shoulder of pterodactyle.

75 & 77 ear & eye of cuttlefish w. M.S. notes

⁸⁰ *Arctura*
81 Placentae of mammals & sharks.

82 Resemblance of mouse & a marsupial.

85 Effects of conditions on butterflies from Wallace

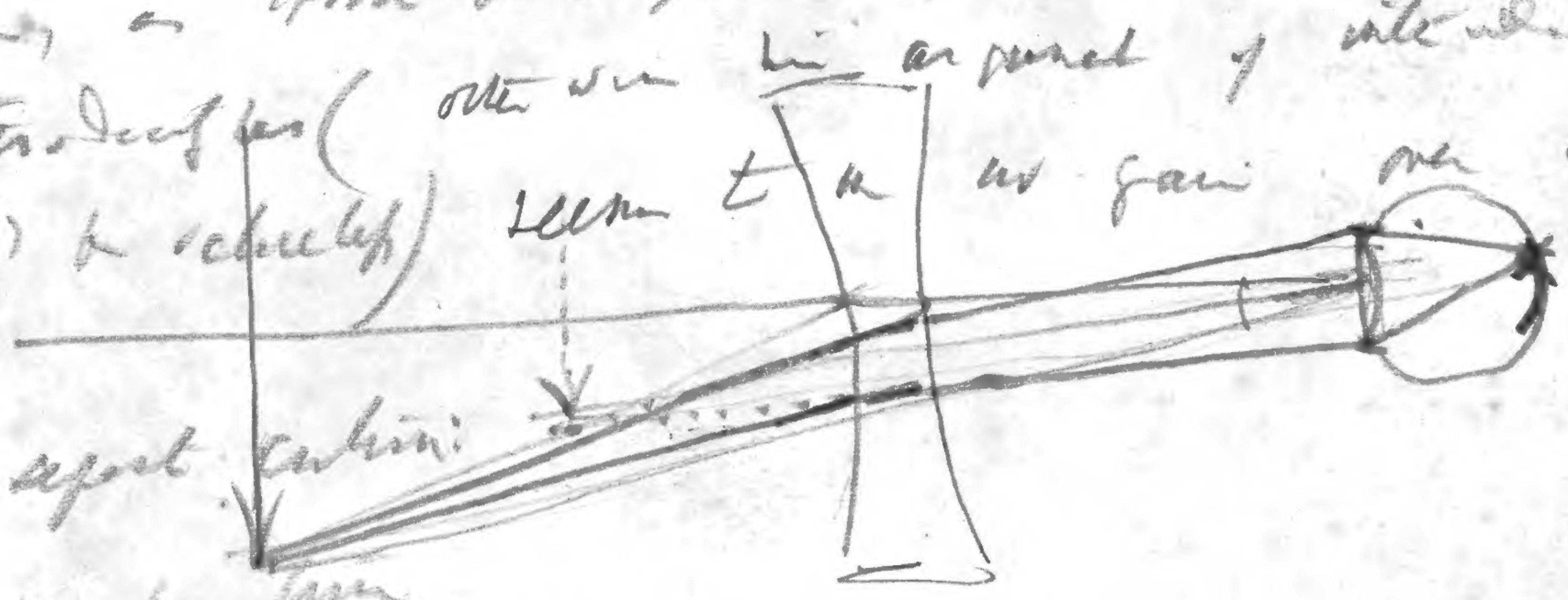
97 Modification as great as between Hippariion
& horse —

Mivart Genesis

- 105 Abortion of finger in the Potto
- 107 believes wing of birds comp. suddenly developed -
- 107 on origin of Tendrils. [p 47]
- 110 Macrauchenia a very generalised structure.
- 112 M.S. notes on suddenness of var. good -
- 130 Seems to believe that bat a pterodactyle suddenly developed -
- 139 argues rate of change in progenitors before their divergence from the amount of difference in their descendants
- 145 The same fishes in distant continent.
- 148 Pterodont lizards & certain insectivora in Madagascar -
- 153 } Diff. from homologies of skull bones.
2158 }
163. H. Spenser on ^{serial} ~~cerebral~~ homologies
- 164 Mivart thinks there is an internal force or tendency.
- 170 There is serial homology in Chitons

Evolution with the relation is admitted is all important, as
 long as changes gradual, for then facts can be tested
 for scientific purposes. My present belief that
 sudden changes, as from a high plane, + I suppose - Birds

birds of Eocene (other view
 not being paid to be reduced)



As birds of recent extinction
 of course it may be very
 but not to make sufficient to prove

(498)
Kanyaroo Lanyar

Strange arrange ment
125 & Potto's fore finger

See to Mouth -

Find "Bewter" m. use of

Cyphus pods -

Place of thanks & Mowat - like Futz
Mowat's Cates & Chaparral -

M. Mival's book which - of all specimens,
to which I have been author of myself, expanded
& admirably in this letter, with pretty (see)
in form, at night in spring chapter

1147 Got Gualther's Catalogue

L 196 Mowat

5 (M)

Mewart Epneses

- 174 Correlation very slight between teeth & hair
176 Homology between limbs & fins.
178 M.S. notes on primitive homologies.

p 107 sudden change of Bone wing -

498

17. May

f 120

145

155

Antennaes 100 physical
Horned birds

Vol 3 p. 327 of G. L. &

and a fly on page 2

Kangaroo - Owen in Phil. Trans.

182 Gas cylinder